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TRANSMITTAL FORM

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/812,248	
	Filing Date	March 29, 2004	
	First Named Inventor	Alex J. Harvey	
	Art Unit	1645	
	Examiner Name	To be assigned	
Total Number of Pages in This Submission	7	Attorney Docket Number	AVI-027

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): <ul style="list-style-type: none"> 1. Form PTO/SB/08 a&b with 63 references 2. Return Postcard
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Firm or Individual name	Kyle Yesland		
Signature			
Date	December 20, 2004		

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/812,248
Applicant : Harvey, et al
Filed : March 29, 2004
Title : Transgenesis of Early Embryonic Cells

TC/A.U. : 1645
Examiner : Not yet assigned

Docket No. : AVI-027

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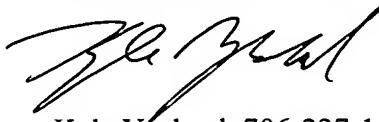
In connection with the above-identified application, applicant submits herewith a form PTO/SB/08A and copies of references cited therein, excluding issued US Patents.

It is respectfully requested that the cited references be expressly considered during the prosecution of the above referenced application, and the references be made of record and appear among the "references cited" on any patent to issue therefrom.

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Respectfully submitted,



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PTO/SB/08a (08-03)

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	4	Attorney Docket Number	AVI-027
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US20020108132	08-08-2002	Rapp	
		5,897,998	04-27-1999	Speksnijder, et al.	
		4,997,763	03-05-1991	Hughes, et al.	
		5,011,780	04-30-1991	Perry	
		5,162,215	11-10-1992	Bosselman, et al.	
		5,340,740	08-23-1994	Petitte, et al.	
		5,656,479	08-12-1997	Petitte, et al.	
		6,027,722	02-22-2000	Hodgson	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		WO 99/19472	04-22-1999	Ivarie, et al.		
		WO 00/11151	03-02-2000	Ivarie, et al.		
		WO 00/56932	09-28-2000	Harvey, et al.		
		WO 90/11355	10-04-1990	Simkiss		
		WO 97/47739	12-18-1997	McArthur		
		WO 99/10505	03-04-1999	Etches, et al.		

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		<i>BOSSELMAN</i> , et al., Germline Transmission of Exogenous Genes in the Chicken. 1989, <i>Science</i> , 243: 533-535	
		<i>BRAZOLOT</i> , et al., Efficient transfection of chicken cells by lipofection, and introduction of transfected blastodermal cells into the embryo. 1991, <i>Mol. Reprod. Dev.</i> 30:304-312.	
		<i>CARSIENCE</i> , et al., Germline chimeric chickens from dispersed donor blastodermal cells and compromised recipient embryos. 1993, <i>Development</i> , 117:669-675.	
		<i>CHAMBERS</i> , et al., Functional Expression Cloning of Nanog, a Pluripotency Sustaining Factor in Embryonic Stem Cells. 2003, <i>Cell</i> , 113:643-655	

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		<i>Application Number</i>	10/812,248
		<i>Filing Date</i>	March 29, 2004
		<i>First Named Inventor</i>	Alex J. Harvey
		<i>Art Unit</i>	1645
		<i>Examiner Name</i>	Not yet assigned
Sheet	2	4	Attorney Docket Number
AVI-027			

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Examiner Initials*	Cite No.	
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		D'COSTA, et al., Characterization of stage-specific embryonic antigen-1(SSEA-1) expression during early development of the turkey embryo. 1999, <i>Int. J. Dev. Biol.</i> 43:349-356
		DONOHO, et al., Analysis of Gene Targeting and Intrachromosomal Homologous Recombination Stimulated by Genomic Double-Strand Breaks in Mouse Embryonic Stem Cells. 1998, <i>Mol. Cell. Biology</i> , 118:(7) 4070-4078
		ETCHES, et al., Contributions to Somatic and Germline Lineages of Chicken Blastodermal Cells Maintained in Culture. 1996, <i>Molec. Repr. Devel.</i> , 45:291-298
		ETCHES, et al., Chimeric Chickens and Their Use in Manipulation of the Chicken Genome. 1993, <i>Poultry Science</i> , 72:882-889
		ETCHES, et al., Manipulation of Blastodermal Cells. 1997, <i>Poultry Science</i> , 76:1075-1083
		EVANS, et al., Establishment in culture of pluripotential cells from mouse embryos. 1981, <i>Nature</i> , 292: 154-156
		FRASER, et al., Efficient incorporation of transfected blastodermal cells into chimeric chicken embryos. 1993, <i>Int. J. Devel. Biol.</i> , 37:381-385.
		HAN, Production of germline chimeras by transfer of chicken gonadal primordial germ cells maintained in vitro for an extended period. 2002, <i>Theriogenology</i> 58: 1531-1539
		HORIUCHI, et al., Chicken Leukemia Inhibitory Factor Maintains Chicken Embryonic Stem Cells in the Undifferentiated State. 2004, <i>J. Biol. Chemistry</i> , 279: (23) 24514 -24520
		KALYANI, et al., Neuroepithelial Stem Cells from the Embryonic Spinal Cord: Isolation, Characterization, and Clonal Analysis. 1997, <i>Developmental Biol.</i> 186:202-223
		KAGAMI, et al., Sexual Differentiation of Chimeric Chickens Containing ZZ and ZW Cells in the Germline. 1995, <i>Mol. Reprod. Dev.</i> , 42:379-387.
		KAGAMI, et al., The Developmental Origin of Primordial Germ Cells and the Transmission of the Donor-Derived Gametes in Mixed-Sex Germline Chimeras to the Offspring in the Chicken. 1997, <i>Mol. Reprod. Dev.</i> , 48:501-510
		KARAGENC, et. al., Soluble Factors and the Emergence of Chick Primordial Germ Cells <i>in Vitro</i> . 2000, <i>Poultry Science</i> , 79:80-85
		KINO, et al., Production of chicken chimeras from injection of frozen-thawed blastodermal cells. 1995, <i>Poultry Sci.</i> 74 (Suppl. 1):26. (Abstr.)
		KINO, et al., Production of chicken chimeras from injection of frozen-thawed blastodermal cells. 1997, <i>Poultry Sci.</i> , 76:753-760.
		KIMURA, et al., Further Purification of a Fibroblast Growth Factor-Like Factor From Chick Embryo Extract By Heparin-Affinity Chromatography. 1988, <i>In Vitro Cellular & Dvlp.</i> , 25: (3)236-242

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		<i>LINNELL</i> , et al., Transgenic mice for the preparation of puromycin-resistant primary embryonic fibroblast feeder layers for embryonic stem cell selection. 2001, <i>Mammalian Genome</i> 12:169-171		
		<i>MEI</i> , et al., The <i>tkNeo</i> Gene, but Not the <i>pgkPuro</i> Gene, Can Influence the Ability of the β -Globin LCR to Enhance and Confer Position-Independent Expression onto the β -Globin Gene. 2000, <i>Experimental Cell Research</i> 260:304-312		
		<i>MUSCARELLA</i> , et al., Expression of Cell Death Regulatory Genes and Limited Apoptosis Induction in Avian Blastodermal Cells. 1998, <i>Mol. Reprod. Devlp.</i> , 51:130-142		
		<i>MEAKING</i> , et al., Electroporation-induced damage in mammalian cell DNA. 1995, <i>Biochimica et Biophysica Acta.</i> , 1264: 357-362		
		<i>MOMOSE</i> , et al., Efficient targeting of gene expression in chick embryos by microelectroporation. 1999, <i>Develop. Growth Differ.</i> , 41:335-344		
		<i>MITSUI</i> , et al., The Homeoprotein Nanog is Required for Maintenance of Pluripotency in Mouse Epiblast and ES Cells. 2003, <i>Cell</i> , 113:631-642		
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		<i>PAIN</i> , et al., Long term in vitro culture and characterisation of avian embryonic stem cells with multiple morphogenetic potentialities. 1996, <i>Development</i> , 122:2339-2348		
		<i>PAIN</i> , et al., Chicken Embryonic Stem Cells and Transgenic Strategies. 1999, <i>Cells Tissues Organs</i> , 165: 212-219		
		<i>PETITTE</i> , et al., Cloning and characterization of cDNAs encoding two forms of avian stem cell factor. 1996, 1307: 149-151		
		<i>PETITTE</i> , et al., Production of somatic and germline chimeras in the chicken by transfer of early blastodermal cells. 1990, <i>Development</i> , 108:185-189		
		<i>PETITTE</i> , et al., The Origin of the Avian Germ Line and Transgenesis in Birds. 1997, <i>Poultry Science</i> 76:1084-1092		
		<i>ROUET</i> , et al., Expression of a site-specific endonuclease stimulates homologous recombination in mammalian cells. 1994, <i>Proc. Natl. Acad. Sci. USA</i> , 91:6064-6068		

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Sheet	4	of	4	Attorney Docket Number	AVI-027

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		<i>SALTER</i> , et al., Transgenic Chickens: Insertion of Retroviral Genes into the Chicken Germ Line; 1987, <i>Virology</i> 157, 236-240			
		<i>SARGENT</i> , et al., Repair of Site-Specific Double-Strand Breaks in a Mammalian Chromosome by Homologous and Illegitimate Recombination. 1997, <i>Mol. And Cell. Biolg.</i> , 17: (1) 267-277			
		<i>SATO</i> , et al., Regulated Gene Expression in the Chicken Embryo by Using Replication-Competent Retroviral Vectors. 2002, <i>J. of Virology</i> , 76:(4) 1980-1985			
		<i>SPEKSNIJDER</i> , Germline Chimeric Chickens From FACS-Sorted Donor Cells; 1999, <i>Mol. Reprod. And Dvlp.</i> , 52:33-42			
		<i>THORAVAL</i> , et al., Somatic and Germline Chicken Chimeras Obtained from Brown and White Leghorns by Transfer of Early Blastodermal Cells; 1994, <i>Poultry Sci.</i> , 73:1897-1905.			
		<i>TUCKER</i> , et al., A transgenic mouse strain expressing four drug-selectable marker genes. 1997, <i>Nucleic Acids Research</i> , 25:(18) 3745-3746			
		<i>URVEN</i> , et al., Analyses of germline development in the chick embryo using an antimouse EC cell antibody; 1988, <i>Development</i> , 103:299-304.			
		<i>VATTERONI</i> , et al., Analysis of electroporation-induced genetic damages in V79/AP4 Chinese hamster cells. 1993, <i>Mutation Research</i> , 291:163-169			
		<i>WEI</i> , et al., Long-Term Culture of Chicken Blastodermal Cells (CBCs) and Selection of Transfected CBCs Using Antibiotic Resistance. <i>Methods in Mol. Biology</i> , 136: 399-403			
		<i>WEI</i> , et al., Selection of Genetically Modified Chicken Blastodermal Cells by Magnetic-Activated Cell Sorting. 2001, <i>Poultry Science</i> , 80: 1671-1678			
		<i>WATANABE</i> , et al., Distribution analysis of transferred donor cells in avian blastodermal chimeras; 1992, <i>Development</i> , 114:331-338.			
		<i>WOODS</i> , et al., Production of Avian Chimeras and Germline Transmission. <i>Methods in Mol. Biology</i> , 136: 385-389			
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		<i>YAFFE</i> , et al., Retention of Differentiation Potentialities During Prolonged Cultivation of Myogenic Cells. 1968, <i>Dpt. Of Cell Biology</i> , 477-483			
		<i>ZAJCHOWSKI</i> , et al., Incorporation of Genetically Modified Cells in Chicken Chimeras. <i>Methods in Mol. Biology</i> , 136: 391-397			

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